

VECTOR SURVEILLANCE SUMMARY SHEET

WEEK: 18

Culiseta melanura Monitor

September 30 – October 6, 2006

| Coastal Resting Boxes | | | | | | Inland Resting Boxes | | | | | |
|-----------------------------|--------------------------|---------------------------------|-------------------------|-------------------------------|------------------------|-----------------------------|--------------------------|---------------------------------|-------------------------|-------------------------------|------------------------|
| Sites | Mean From Previous Years | No. Per Box For This Collection | Total Collected to Date | Total Pools Submitted to Date | EEE Isolations To Date | Sites | Mean From Previous Years | No. Per Box For This Collection | Total Collected to Date | Total Pools Submitted to Date | EEE Isolations To Date |
| Green Bank (Burlington Co.) | 1.8 | 1.1 | 700 | 61 | 1 | Waterford (Camden Co.) | 1.1 | 0.4 | 179 | 30 | 0 |
| Corbin City (Atlantic Co.) | 0.9 | 0.2 | 390 | 62 | 0 | Centerton (Salem Co.) | 1.9 | 0.9 | 958 | 64 | 0 |
| Dennisville (Cape May Co.) | 2.4 | 0.8 | 1916 | 80 | 0 | Turkey Swamp (Monmouth Co.) | 0.5 | <0.1 | 495 | 62 | 0 |

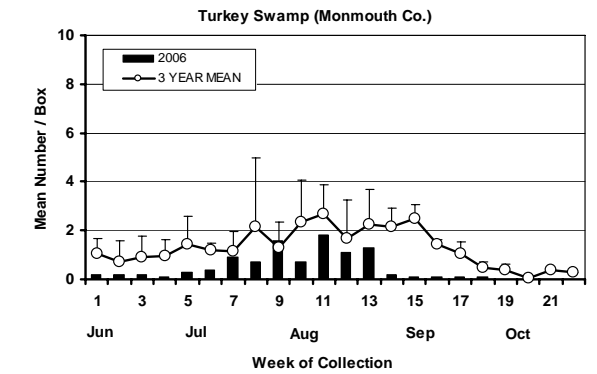
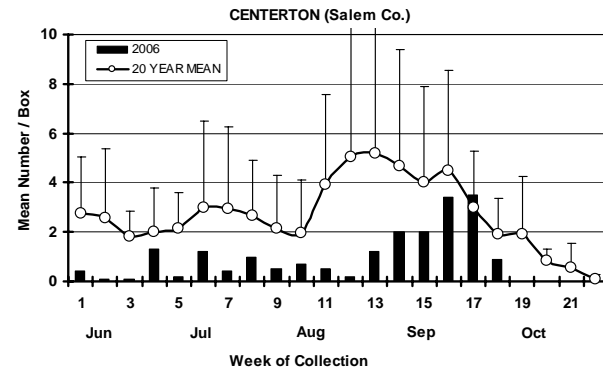
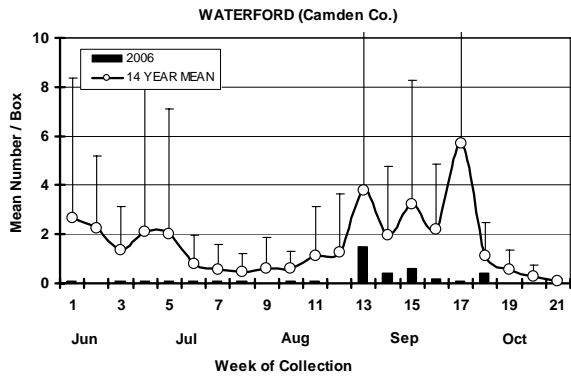
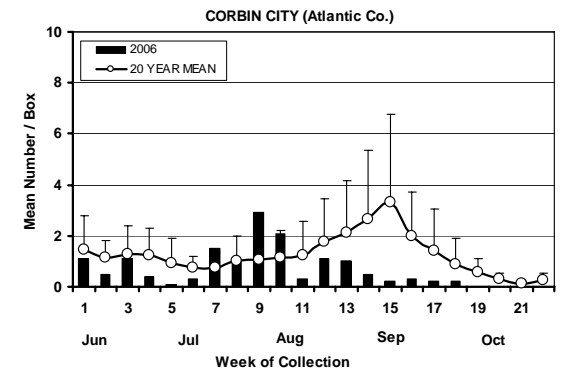
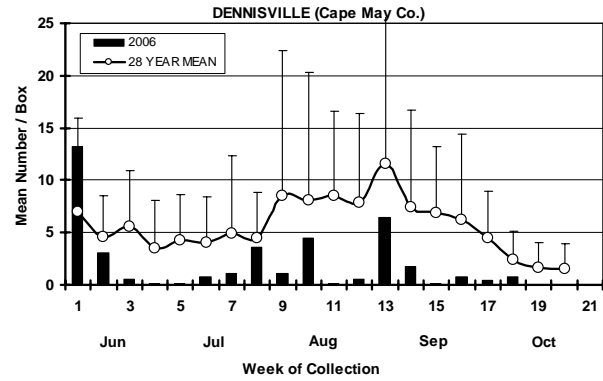
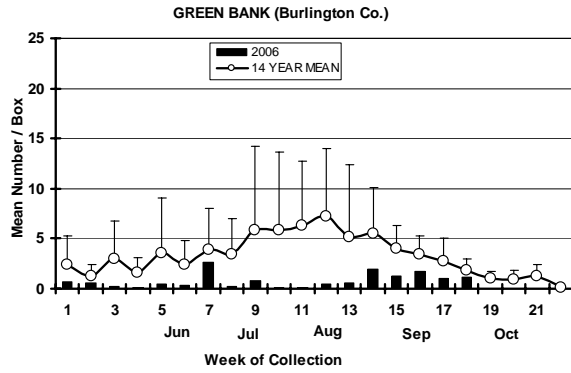
Collections submitted to PHEL for West Nile Virus testing

| Species | <i>Cx. pip</i> | <i>Cx. rest</i> | <i>Cx. sal</i> | <i>Cx. spp.</i> | <i>Cs. mel</i> | <i>Ae. vex</i> | <i>Oc. cana</i> | <i>Oc. triv</i> | <i>Oc. tris</i> | <i>Oc. soll.</i> | <i>Oc. jap</i> | <i>Ae. albo</i> | Other | TOTALS |
|--------------------|----------------|-----------------|----------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|------------------|----------------|-----------------|-------|---------|
| No. Pools | 367 | 147 | 151 | 1,841 | 374 | 186 | 31 | 75 | 141 | 33 | 289 | 390 | 626 | 46,51 |
| Total Specimens | 9,617 | 2,505 | 5,394 | 70,540 | 4,763 | 4,039 | 349 | 1,545 | 476 | 531 | 1,310 | 3,116 | 7,597 | 111,782 |
| No. Positive Pools | 56 | 8 | 0 | 181 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 248 |

Remarks: Resting box collections of *Culiseta melanura* populations are on the decline as the end of the vector surveillance season approaches. Cool night time temperatures limit host-seeking activity as the fall season advances. *Culiseta melanura*, however, is a cold hardy species that will blood feed and oviposit whenever temperatures permit. The species abandons resting boxes at this time of year making late season population levels difficult to quantify. EEE activity has been minimal in our geographic area this season. The single positive pool of *Cs. melanura* from the Green Bank site, followed by an equine fatality in the immediate vicinity represents the only documented EEE activity in New Jersey, to date. WNV activity has peaked with positive pools of mosquitoes collected from all but Atlantic and Cumberland counties this year. Nulliparous female *Culex pipiens* have entered winter hibernaculæ throughout the state. Parous females will continue to host-seek, oviposit and enter gravid traps in small numbers on warm nights in October.

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| New Jersey Agricultural Experiment Station Publication No. PT-08-40500-18-06 Supported by State funds and funding by the NJ State Mosquito Control Commission. |
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Culiseta melanura Population Graphs



Mosquito Species Submitted for West Nile Virus Testing through October 6, 2006

| Species | Pools | Mosquitoes | Positives |
|------------------------------------|--------------|-------------------|------------------|
| <i>Aedes albopictus</i> | 390 | 3116 | 2 |
| <i>Aedes cinereus</i> | 1 | 1 | |
| <i>Aedes vexans</i> | 186 | 4039 | |
| <i>Anopheles barberi</i> | 4 | 4 | |
| <i>Anopheles bradleyi</i> | 53 | 469 | |
| <i>Anopheles crucians</i> | 1 | 1 | |
| <i>Anopheles punctipennis</i> | 81 | 330 | |
| <i>Anopheles quadrimaculatus</i> | 106 | 2886 | |
| <i>Anopheles walkeri</i> | 3 | 20 | |
| <i>Coquillettidia perturbans</i> | 59 | 246 | |
| <i>Culex erraticus</i> | 87 | 1033 | |
| <i>Culex pipiens</i> | 367 | 9617 | 56 |
| <i>Culex restuans</i> | 147 | 2505 | 8 |
| <i>Culex salinarius</i> | 151 | 5394 | |
| <i>Culex spp.</i> | 1841 | 70540 | 181 |
| <i>Culex territans</i> | 32 | 83 | |
| <i>Culiseta melanura</i> | 374 | 4763 | 1 |
| <i>Ochlerotatus atlanticus</i> | 33 | 325 | |
| <i>Ochlerotatus atropalpus</i> | 1 | 2 | |
| <i>Ochlerotatus canadensis</i> | 31 | 349 | |
| <i>Ochlerotatus cantator</i> | 15 | 159 | |
| <i>Ochlerotatus japonicus</i> | 289 | 1310 | |
| <i>Ochlerotatus punctor</i> | 1 | 1 | |
| <i>Ochlerotatus sollicitans</i> | 33 | 531 | |
| <i>Ochlerotatus sticticus</i> | 15 | 224 | |
| <i>Ochlerotatus stimulans</i> | 3 | 3 | |
| <i>Ochlerotatus taeniorhynchus</i> | 21 | 176 | |
| <i>Ochlerotatus triseriatus</i> | 141 | 476 | |
| <i>Ochlerotatus trivittatus</i> | 75 | 1545 | |
| <i>Orthopodomyia signifera</i> | 3 | 7 | |
| <i>Psorophora ciliata</i> | 5 | 15 | |
| <i>Psorophora columbiae</i> | 32 | 434 | |
| <i>Psorophora ferox</i> | 50 | 707 | |
| <i>Psorophora howardii</i> | 2 | 5 | |
| <i>Uranotaenia sapphirina</i> | 18 | 466 | |
| Grand Total | 4651 | 111782 | 248 |

Submission by County through October 6, 2006

| County | Species | Pools | Mosquitoes | Positives |
|-----------------|-----------------------------|--------------|-------------------|------------------|
| Atlantic | | 264 | 5171 | 0 |
| | Aedes albopictus | 21 | 241 | |
| | Aedes vexans | 24 | 736 | |
| | Anopheles bradleyi | 8 | 96 | |
| | Anopheles punctipennis | 2 | 6 | |
| | Coquillettidia perturbans | 5 | 35 | |
| | Culex erraticus | 15 | 595 | |
| | Culex restuans | 3 | 10 | |
| | Culex salinarius | 11 | 230 | |
| | Culex spp. | 53 | 1877 | |
| | Culex territans | 4 | 6 | |
| | Culiseta melanura | 63 | 410 | |
| | Ochlerotatus atlanticus | 8 | 138 | |
| | Ochlerotatus canadensis | 8 | 109 | |
| | Ochlerotatus cantator | 6 | 147 | |
| | Ochlerotatus japonicus | 5 | 11 | |
| | Ochlerotatus sollicitans | 10 | 272 | |
| | Ochlerotatus taeniorhynchus | 6 | 71 | |
| | Ochlerotatus triseriatus | 5 | 15 | |
| | Ochlerotatus trivittatus | 1 | 2 | |
| | Psorophora columbiae | 1 | 50 | |
| | Psorophora ferox | 4 | 111 | |
| | Psorophora howardii | 1 | 3 | |
| Bergen | | 441 | 22844 | 62 |
| | Aedes albopictus | 28 | 290 | 1 |
| | Aedes cinereus | 1 | 1 | |
| | Aedes vexans | 38 | 1709 | |
| | Anopheles punctipennis | 7 | 14 | |
| | Anopheles quadrimaculatus | 2 | 2 | |
| | Coquillettidia perturbans | 8 | 15 | |
| | Culex erraticus | 1 | 2 | |
| | Culex pipiens | 67 | 3558 | 22 |
| | Culex restuans | 22 | 556 | 5 |
| | Culex salinarius | 71 | 4291 | |
| | Culex spp. | 166 | 12111 | 34 |
| | Culex territans | 1 | 1 | |
| | Ochlerotatus japonicus | 1 | 2 | |
| | Ochlerotatus sollicitans | 2 | 3 | |
| | Ochlerotatus sticticus | 2 | 10 | |
| | Ochlerotatus triseriatus | 4 | 14 | |
| | Ochlerotatus trivittatus | 5 | 7 | |
| | Orthopodomyia signifera | 2 | 4 | |
| | Psorophora columbiae | 9 | 201 | |

| | | | | |
|-------------------|-----------------------------|------------|-------------|----------|
| | Psorophora ferox | 3 | 51 | |
| | Uranotaenia sapphirina | 1 | 2 | |
| Burlington | | 213 | 1538 | 2 |
| | Aedes albopictus | 29 | 202 | |
| | Aedes vexans | 9 | 49 | |
| | Anopheles barberi | 1 | 1 | |
| | Anopheles bradleyi | 7 | 96 | |
| | Anopheles crucians | 1 | 1 | |
| | Anopheles punctipennis | 2 | 4 | |
| | Anopheles quadrimaculatus | 6 | 8 | |
| | Coquillettidia perturbans | 4 | 7 | |
| | Culex erraticus | 10 | 37 | |
| | Culex pipiens | 5 | 13 | |
| | Culex restuans | 1 | 2 | |
| | Culex salinarius | 3 | 13 | |
| | Culex spp. | 21 | 192 | 2 |
| | Culex territans | 2 | 4 | |
| | Culiseta melanura | 64 | 737 | |
| | Ochlerotatus atlanticus | 5 | 11 | |
| | Ochlerotatus canadensis | 8 | 34 | |
| | Ochlerotatus cantator | 3 | 6 | |
| | Ochlerotatus japonicus | 7 | 29 | |
| | Ochlerotatus sollicitans | 4 | 9 | |
| | Ochlerotatus sticticus | 1 | 3 | |
| | Ochlerotatus stimulans | 2 | 2 | |
| | Ochlerotatus taeniorhynchus | 2 | 7 | |
| | Ochlerotatus triseriatus | 3 | 3 | |
| | Ochlerotatus trivittatus | 3 | 8 | |
| | Orthopodomyia signifera | 1 | 3 | |
| | Psorophora ciliata | 1 | 9 | |
| | Psorophora columbiae | 1 | 9 | |
| | Psorophora ferox | 5 | 10 | |
| | Psorophora howardii | 1 | 2 | |
| | Uranotaenia sapphirina | 1 | 27 | |
| Camden | | 131 | 1825 | 3 |
| | Aedes albopictus | 17 | 61 | |
| | Aedes vexans | 5 | 70 | |
| | Anopheles punctipennis | 7 | 11 | |
| | Anopheles quadrimaculatus | 8 | 14 | |
| | Coquillettidia perturbans | 4 | 4 | |
| | Culex erraticus | 1 | 3 | |
| | Culex restuans | 2 | 2 | |
| | Culex spp. | 45 | 1462 | 3 |
| | Culex territans | 1 | 1 | |
| | Culiseta melanura | 27 | 161 | |

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|-------------------|-----------------------------|------------|-------------|----------|
| | Ochlerotatus japonicus | 7 | 11 | |
| | Ochlerotatus triseriatus | 1 | 5 | |
| | Ochlerotatus trivittatus | 3 | 7 | |
| | Psorophora ferox | 2 | 12 | |
| | Uranotaenia sapphirina | 1 | 1 | |
| Cape May | | 220 | 5282 | 1 |
| | Aedes albopictus | 13 | 95 | |
| | Aedes vexans | 1 | 8 | |
| | Anopheles bradleyi | 17 | 207 | |
| | Anopheles punctipennis | 2 | 3 | |
| | Anopheles quadrimaculatus | 50 | 2536 | |
| | Coquillettidia perturbans | 2 | 15 | |
| | Culex erraticus | 13 | 216 | |
| | Culex pipiens | 7 | 41 | |
| | Culex restuans | 15 | 85 | |
| | Culex salinarius | 7 | 30 | |
| | Culex spp. | 1 | 3 | |
| | Culex territans | 1 | 4 | |
| | Culiseta melanura | 87 | 2035 | 1 |
| | Ochlerotatus atlanticus | 1 | 1 | |
| | Ochlerotatus cantator | 2 | 2 | |
| | Psorophora ferox | 1 | 1 | |
| Cumberland | | 139 | 911 | 0 |
| | Aedes albopictus | 3 | 3 | |
| | Aedes vexans | 9 | 19 | |
| | Anopheles bradleyi | 13 | 48 | |
| | Anopheles quadrimaculatus | 3 | 4 | |
| | Coquillettidia perturbans | 9 | 16 | |
| | Culex erraticus | 19 | 50 | |
| | Culex spp. | 46 | 517 | |
| | Ochlerotatus atlanticus | 16 | 161 | |
| | Ochlerotatus canadensis | 1 | 1 | |
| | Ochlerotatus sollicitans | 3 | 5 | |
| | Ochlerotatus taeniorhynchus | 9 | 59 | |
| | Ochlerotatus triseriatus | 1 | 1 | |
| | Psorophora ciliata | 1 | 1 | |
| | Psorophora ferox | 6 | 26 | |
| Essex | | 100 | 1870 | 6 |
| | Aedes albopictus | 12 | 50 | |
| | Aedes vexans | 9 | 72 | |
| | Anopheles punctipennis | 2 | 2 | |
| | Anopheles quadrimaculatus | 1 | 1 | |
| | Coquillettidia perturbans | 1 | 4 | |
| | Culex spp. | 49 | 1500 | 6 |

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|-------------------|---------------------------|------------|--------------|-----------|
| | Culiseta melanura | 1 | 2 | |
| | Ochlerotatus japonicus | 11 | 70 | |
| | Ochlerotatus sollicitans | 1 | 1 | |
| | Ochlerotatus sticticus | 3 | 19 | |
| | Ochlerotatus triseriatus | 3 | 4 | |
| | Ochlerotatus trivittatus | 1 | 3 | |
| | Psorophora ferox | 5 | 141 | |
| | Uranotaenia sapphirina | 1 | 1 | |
| Gloucester | | 236 | 2645 | 2 |
| | Aedes albopictus | 16 | 48 | |
| | Aedes vexans | 1 | 2 | |
| | Anopheles bradleyi | 2 | 10 | |
| | Anopheles punctipennis | 1 | 1 | |
| | Anopheles quadrimaculatus | 2 | 3 | |
| | Anopheles walkeri | 2 | 9 | |
| | Coquillettidia perturbans | 4 | 14 | |
| | Culex pipiens | 175 | 2494 | 2 |
| | Culex restuans | 1 | 2 | |
| | Culex salinarius | 1 | 2 | |
| | Culex territans | 1 | 1 | |
| | Culiseta melanura | 2 | 3 | |
| | Ochlerotatus canadensis | 2 | 4 | |
| | Ochlerotatus japonicus | 21 | 30 | |
| | Ochlerotatus triseriatus | 2 | 4 | |
| | Psorophora ciliata | 1 | 1 | |
| | Psorophora columbiae | 1 | 16 | |
| | Psorophora ferox | 1 | 1 | |
| Hudson | | 275 | 10143 | 48 |
| | Aedes albopictus | 14 | 134 | |
| | Aedes vexans | 3 | 9 | |
| | Coquillettidia perturbans | 2 | 20 | |
| | Culex pipiens | 22 | 1263 | 8 |
| | Culex restuans | 1 | 4 | |
| | Culex salinarius | 8 | 382 | |
| | Culex spp. | 225 | 8331 | 40 |
| Hunterdon | | 246 | 8561 | 14 |
| | Aedes albopictus | 1 | 2 | |
| | Aedes vexans | 2 | 8 | |
| | Anopheles barberi | 1 | 1 | |
| | Anopheles punctipennis | 9 | 108 | |
| | Anopheles quadrimaculatus | 4 | 13 | |
| | Culex erraticus | 1 | 1 | |
| | Culex pipiens | 4 | 42 | |
| | Culex restuans | 14 | 476 | 1 |

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|------------------|---------------------------|------------|-------------|-----------|
| | Culex salinarius | 3 | 3 | |
| | Culex spp. | 181 | 7782 | 13 |
| | Culex territans | 2 | 2 | |
| | Ochlerotatus japonicus | 10 | 68 | |
| | Ochlerotatus sticticus | 1 | 1 | |
| | Ochlerotatus triseriatus | 4 | 4 | |
| | Ochlerotatus trivittatus | 6 | 38 | |
| | Psorophora columbiae | 1 | 10 | |
| | Uranotaenia sapphirina | 2 | 2 | |
| Mercer | | 341 | 5419 | 35 |
| | Aedes albopictus | 86 | 542 | 1 |
| | Aedes vexans | 14 | 160 | |
| | Anopheles bradleyi | 1 | 2 | |
| | Anopheles punctipennis | 3 | 5 | |
| | Anopheles quadrimaculatus | 2 | 10 | |
| | Coquillettidia perturbans | 2 | 3 | |
| | Culex erraticus | 7 | 48 | |
| | Culex pipiens | 61 | 1811 | 23 |
| | Culex restuans | 39 | 722 | 2 |
| | Culex salinarius | 9 | 76 | |
| | Culex spp. | 38 | 1504 | 9 |
| | Culex territans | 2 | 2 | |
| | Culiseta melanura | 1 | 1 | |
| | Ochlerotatus atropalpus | 1 | 2 | |
| | Ochlerotatus canadensis | 6 | 155 | |
| | Ochlerotatus japonicus | 26 | 51 | |
| | Ochlerotatus sticticus | 1 | 3 | |
| | Ochlerotatus triseriatus | 16 | 37 | |
| | Ochlerotatus trivittatus | 8 | 28 | |
| | Psorophora columbiae | 8 | 43 | |
| | Psorophora ferox | 7 | 14 | |
| | Uranotaenia sapphirina | 3 | 200 | |
| Middlesex | | 232 | 7943 | 23 |
| | Aedes albopictus | 22 | 216 | |
| | Anopheles punctipennis | 1 | 1 | |
| | Culex pipiens | 1 | 1 | |
| | Culex restuans | 1 | 2 | |
| | Culex spp. | 191 | 7651 | 23 |
| | Ochlerotatus japonicus | 16 | 72 | |
| Monmouth | | 326 | 2547 | 2 |
| | Aedes albopictus | 46 | 214 | |
| | Aedes vexans | 20 | 81 | |
| | Anopheles punctipennis | 11 | 20 | |
| | Anopheles quadrimaculatus | 6 | 8 | |

| | | | | |
|----------------|-----------------------------|------------|-------------|-----------|
| | Coquillettidia perturbans | 2 | 3 | |
| | Culex erraticus | 2 | 6 | |
| | Culex pipiens | 1 | 1 | |
| | Culex restuans | 7 | 17 | |
| | Culex spp. | 87 | 1193 | 2 |
| | Culex territans | 10 | 48 | |
| | Culiseta melanura | 61 | 493 | |
| | Ochlerotatus atlanticus | 2 | 13 | |
| | Ochlerotatus canadensis | 4 | 11 | |
| | Ochlerotatus cantator | 2 | 2 | |
| | Ochlerotatus japonicus | 19 | 110 | |
| | Ochlerotatus sollicitans | 12 | 237 | |
| | Ochlerotatus taeniorhynchus | 4 | 39 | |
| | Ochlerotatus triseriatus | 18 | 34 | |
| | Ochlerotatus trivittatus | 6 | 8 | |
| | Psorophora columbiae | 2 | 2 | |
| | Psorophora ferox | 4 | 7 | |
| Morris | | 168 | 2656 | 5 |
| | Anopheles punctipennis | 2 | 3 | |
| | Coquillettidia perturbans | 1 | 1 | |
| | Culex restuans | 1 | 13 | |
| | Culex spp. | 105 | 2306 | 5 |
| | Ochlerotatus japonicus | 32 | 204 | |
| | Ochlerotatus stimulans | 1 | 1 | |
| | Ochlerotatus triseriatus | 24 | 123 | |
| | Ochlerotatus trivittatus | 1 | 1 | |
| | Uranotaenia sapphirina | 1 | 4 | |
| Ocean | | 195 | 1928 | 1 |
| | Aedes albopictus | 61 | 927 | |
| | Aedes vexans | 6 | 74 | |
| | Coquillettidia perturbans | 1 | 1 | |
| | Culex erraticus | 1 | 1 | |
| | Culex restuans | 9 | 18 | |
| | Culex salinarius | 18 | 127 | |
| | Culex spp. | 59 | 593 | 1 |
| | Culex territans | 2 | 5 | |
| | Culiseta melanura | 6 | 7 | |
| | Ochlerotatus canadensis | 2 | 35 | |
| | Ochlerotatus japonicus | 13 | 50 | |
| | Ochlerotatus sollicitans | 1 | 4 | |
| | Ochlerotatus triseriatus | 11 | 38 | |
| | Ochlerotatus trivittatus | 1 | 2 | |
| | Psorophora ferox | 4 | 46 | |
| Passaic | | 111 | 3392 | 13 |

| | | | | |
|-----------------|---------------------------|------------|--------------|-----------|
| | Aedes albopictus | 2 | 16 | |
| | Aedes vexans | 1 | 4 | |
| | Culex spp. | 103 | 3263 | 13 |
| | Ochlerotatus japonicus | 4 | 91 | |
| | Ochlerotatus trivittatus | 1 | 18 | |
| Salem | | 204 | 2027 | 1 |
| | Aedes albopictus | 6 | 33 | |
| | Aedes vexans | 8 | 28 | |
| | Anopheles bradleyi | 5 | 10 | |
| | Anopheles punctipennis | 11 | 93 | |
| | Anopheles quadrimaculatus | 15 | 269 | |
| | Coquillettidia perturbans | 6 | 10 | |
| | Culex erraticus | 16 | 73 | |
| | Culex pipiens | 3 | 7 | |
| | Culex restuans | 17 | 165 | |
| | Culex salinarius | 5 | 30 | |
| | Culex spp. | 34 | 373 | 1 |
| | Culex territans | 5 | 8 | |
| | Culiseta melanura | 62 | 914 | |
| | Ochlerotatus atlanticus | 1 | 1 | |
| | Ochlerotatus cantator | 1 | 1 | |
| | Ochlerotatus japonicus | 1 | 1 | |
| | Ochlerotatus triseriatus | 3 | 3 | |
| | Psorophora columbiae | 5 | 8 | |
| Somerset | | 163 | 4196 | 7 |
| | Aedes albopictus | 1 | 1 | |
| | Anopheles barberi | 1 | 1 | |
| | Anopheles punctipennis | 4 | 6 | |
| | Anopheles quadrimaculatus | 2 | 5 | |
| | Culex spp. | 107 | 3763 | 7 |
| | Ochlerotatus japonicus | 28 | 145 | |
| | Ochlerotatus triseriatus | 13 | 72 | |
| | Ochlerotatus trivittatus | 5 | 136 | |
| | Psorophora ferox | 2 | 67 | |
| Sussex | | 289 | 10291 | 2 |
| | Aedes vexans | 22 | 803 | |
| | Anopheles barberi | 1 | 1 | |
| | Anopheles punctipennis | 9 | 34 | |
| | Anopheles quadrimaculatus | 2 | 7 | |
| | Anopheles walkeri | 1 | 11 | |
| | Coquillettidia perturbans | 8 | 98 | |
| | Culex pipiens | 6 | 18 | |
| | Culex restuans | 11 | 352 | |
| | Culex salinarius | 10 | 163 | |

| | | | | |
|--------------------|---------------------------|-------------|---------------|------------|
| | Culex spp. | 125 | 6807 | 2 |
| | Culex territans | 1 | 1 | |
| | Ochlerotatus japonicus | 34 | 173 | |
| | Ochlerotatus sticticus | 7 | 188 | |
| | Ochlerotatus triseriatus | 18 | 83 | |
| | Ochlerotatus trivittatus | 23 | 1106 | |
| | Psorophora ferox | 5 | 219 | |
| | Uranotaenia sapphirina | 6 | 227 | |
| Union | | 81 | 2041 | 17 |
| | Aedes albopictus | 12 | 41 | |
| | Anopheles punctipennis | 1 | 1 | |
| | Anopheles quadrimaculatus | 1 | 4 | |
| | Culex spp. | 54 | 1960 | 17 |
| | Ochlerotatus japonicus | 9 | 25 | |
| | Ochlerotatus punctor | 1 | 1 | |
| | Ochlerotatus triseriatus | 3 | 9 | |
| Warren | | 276 | 8552 | 4 |
| | Aedes vexans | 14 | 207 | |
| | Anopheles punctipennis | 7 | 18 | |
| | Anopheles quadrimaculatus | 2 | 2 | |
| | Culex erraticus | 1 | 1 | |
| | Culex pipiens | 15 | 368 | 1 |
| | Culex restuans | 3 | 79 | |
| | Culex salinarius | 5 | 47 | |
| | Culex spp. | 151 | 7352 | 3 |
| | Ochlerotatus cantator | 1 | 1 | |
| | Ochlerotatus japonicus | 45 | 167 | |
| | Ochlerotatus triseriatus | 12 | 27 | |
| | Ochlerotatus trivittatus | 11 | 181 | |
| | Psorophora ciliata | 2 | 4 | |
| | Psorophora columbiae | 4 | 95 | |
| | Psorophora ferox | 1 | 1 | |
| | Uranotaenia sapphirina | 2 | 2 | |
| Grand Total | | 4651 | 111782 | 248 |